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05/38/01

#### UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. **B422-163** 

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#### TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

|                |                                                             |                                                               |                                                                              |                  |                 | ngton, D.C. 20231             |                       |                        | 7,00 |
|----------------|-------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------|------------------|-----------------|-------------------------------|-----------------------|------------------------|------|
|                |                                                             |                                                               |                                                                              | filing under 3   | 5 U.S.C. 111(a) | and 37 C.F.R. 1.5             | 3(b) is a new utility | patent application for |      |
| inventi<br>IMA |                                                             |                                                               |                                                                              | G APPARATU       | S               | 70,000                        |                       |                        | 5    |
|                | .0.5                                                        | - 110                                                         |                                                                              |                  |                 |                               |                       |                        |      |
|                |                                                             |                                                               |                                                                              |                  |                 |                               |                       |                        |      |
| and in         |                                                             |                                                               |                                                                              |                  |                 |                               |                       |                        |      |
| Kaz            | uhiro                                                       | ) Mat                                                         | tsubayash                                                                    | i                |                 |                               |                       |                        |      |
| If.a C         | ONT                                                         | INUA                                                          | ATION AI                                                                     | PPLICATION,      | check appropr   | riate box and supply          | the requisite inform  | nation:                |      |
| <u> </u>       | Conti                                                       | inuat                                                         | ion 🗆                                                                        | Divisional       | ☐ Continu       | ation-in-part (CIP)           | of prior applicatio   | n No.:                 |      |
| Which          |                                                             |                                                               |                                                                              |                  |                 |                               |                       |                        |      |
| 7.7            |                                                             | inuat                                                         | ion 🗆                                                                        | Divisional       | ☐ Continu       | ation-in-part (CIP)           | of prior applicatio   | n No.:                 |      |
| Which          |                                                             |                                                               | : D                                                                          | Divisional       | O continu       | -4: in4 (OID)                 | -£                    | - NI-                  |      |
| Ę.₽            |                                                             |                                                               | ion 🗆                                                                        | Divisional       | Continua        | ation-in-part (CIP)           | or prior applicatio   | n No.:                 |      |
| Enclo          | sed a                                                       | are.                                                          |                                                                              |                  |                 |                               |                       | •                      |      |
| ŢII<br>TU      |                                                             | 4.0.                                                          |                                                                              |                  | Appli           | cation Elements               |                       |                        |      |
| (1)<br>(1)     | X                                                           | Filir                                                         | ng fee as                                                                    | calculated an    | d transmitted a | s described below             |                       |                        |      |
| Ē=b            |                                                             |                                                               |                                                                              |                  |                 |                               | ·                     |                        |      |
| 2.             | X                                                           | Specification having pages and including the following:       |                                                                              |                  |                 |                               |                       | ng:                    |      |
|                | a.                                                          | X                                                             | Descrip                                                                      | tive Title of th | e Invention     |                               |                       |                        |      |
|                | b.                                                          | b.   Cross References to Related Applications (if applicable) |                                                                              |                  |                 |                               |                       |                        |      |
|                | C.                                                          |                                                               | Statement Regarding Federally-sponsored Research/Development (if applicable) |                  |                 |                               |                       |                        |      |
|                | d.                                                          | 1.  Reference to Microfiche Appendix (if applicable)          |                                                                              |                  |                 |                               |                       |                        |      |
|                | e.                                                          | ■ Background of the Invention                                 |                                                                              |                  |                 |                               |                       |                        |      |
|                | f.                                                          | X                                                             | Brief Summary of the Invention                                               |                  |                 |                               |                       |                        |      |
|                | G. W. Brief Description of the Drawings (if drawings filed) |                                                               |                                                                              |                  |                 |                               |                       |                        |      |
|                | 262                                                         |                                                               |                                                                              |                  |                 | 26272 PATENT TRADEMARK OFFICE |                       |                        |      |
|                | i.                                                          | X                                                             |                                                                              | ) as Classified  | i Below         |                               | †                     |                        |      |
|                | i.                                                          | X                                                             |                                                                              | t of the Disclo  |                 |                               |                       |                        |      |

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| 3.      | X                              | Drawing(s) (when necessary as prescribed by 35 USC 113)                                                                                                                                                               |                                                                |                                                                             |  |  |  |  |  |  |
|---------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------|--|--|--|--|--|--|
|         | a.                             | X                                                                                                                                                                                                                     | Formal                                                         | Number of Sheets 20                                                         |  |  |  |  |  |  |
|         | b.                             |                                                                                                                                                                                                                       | Informal                                                       | Number of Sheets                                                            |  |  |  |  |  |  |
| 4.      |                                | Oath or Declaration                                                                                                                                                                                                   |                                                                |                                                                             |  |  |  |  |  |  |
|         | a.                             |                                                                                                                                                                                                                       | Newly executed (or                                             | riginal or copy)   Unexecuted                                               |  |  |  |  |  |  |
| •       | b.                             |                                                                                                                                                                                                                       | Copy from a prior a                                            | application (37 CFR 1.63(d)) (for continuation/divisional application only) |  |  |  |  |  |  |
| •       | C.                             | ☐ With Power of Attorney ☐ Without Power of Attorney                                                                                                                                                                  |                                                                |                                                                             |  |  |  |  |  |  |
|         | d.                             | <ul> <li>DELETION OF INVENTOR(S)         Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).     </li> </ul>                                         |                                                                |                                                                             |  |  |  |  |  |  |
| 5.      |                                | ince (usable if Box 4b is checked)  If the prior application, from which a copy of the oath or declaration is supplied ered as being part of the disclosure of the accompanying application and is hereby ce therein. |                                                                |                                                                             |  |  |  |  |  |  |
| 6.      |                                | Computer Program in Microfiche (Appendix)                                                                                                                                                                             |                                                                |                                                                             |  |  |  |  |  |  |
| 7.      |                                | Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)                                                                                                                                |                                                                |                                                                             |  |  |  |  |  |  |
|         | a.                             |                                                                                                                                                                                                                       | Paper Copy                                                     |                                                                             |  |  |  |  |  |  |
| And the | b.                             |                                                                                                                                                                                                                       | Computer Readabl                                               | e Copy (identical to computer copy)                                         |  |  |  |  |  |  |
| = i     | C.                             |                                                                                                                                                                                                                       | Statement Verifying Identical Paper and Computer Readable Copy |                                                                             |  |  |  |  |  |  |
|         | Accompanying Application Parts |                                                                                                                                                                                                                       |                                                                |                                                                             |  |  |  |  |  |  |
| 8.      |                                | Assignment Papers (cover sheet & document(s))                                                                                                                                                                         |                                                                |                                                                             |  |  |  |  |  |  |
| 9.      |                                | 37 CFR 3.73(B) Statement (when there is an assignee)                                                                                                                                                                  |                                                                |                                                                             |  |  |  |  |  |  |
| 10.     |                                | English Translation Document (if applicable)                                                                                                                                                                          |                                                                |                                                                             |  |  |  |  |  |  |
| 11.     |                                | Information Disclosure Statement/PTO-1449   Copies of IDS Citations                                                                                                                                                   |                                                                |                                                                             |  |  |  |  |  |  |
| 12.     |                                | Preliminary Amendment                                                                                                                                                                                                 |                                                                |                                                                             |  |  |  |  |  |  |
| 13.     | X                              | Acknowledgment postcard                                                                                                                                                                                               |                                                                |                                                                             |  |  |  |  |  |  |
| 14.     | ×                              | Certificate of Mailing                                                                                                                                                                                                |                                                                |                                                                             |  |  |  |  |  |  |
|         |                                |                                                                                                                                                                                                                       | First Class 🗵 E                                                | Express Mail (Specify Label No.): EL293873247US                             |  |  |  |  |  |  |

**Application Elements (Continued)** 

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|                                 |   | Accompanying Application Parts (Continued)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |
|---------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| 15.                             |   | Certified Copy of Priority Document(s) (if foreign priority is claimed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |
| 16.                             | X | Additional Enclosures (please identify below):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |
|                                 |   | Claim is being made under 35 USC 119 for the benefit of the filing date of Japanese Patent Application No. 202649/2000 filed July 4, 2000. A certified copy of the application will be filed in due course.                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |
| ≅≄                              |   | Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |
| 1117.                           |   | Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.                                                                                                                                                      |  |  |  |  |  |
| fund Times                      |   | Warning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |
| if 'sad' thist 'link and 'Turfi |   | An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional. |  |  |  |  |  |

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|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------|----------|----------------------------|-------------------|----------|--|--|--|
| CLAIMS AS FILED    CLAIMS AS FILED   CLAIMS AS FILED                                                                    |                                                                                                        |                                           |                |          |                            |                   |          |  |  |  |
| For                                                                                                                     | #Filed                                                                                                 | #Allowed                                  | #Extra         |          | Rate                       |                   | Fee      |  |  |  |
| Ţotal Claims                                                                                                            | 13                                                                                                     | - 20 =                                    | 0              | x        | \$18.00                    |                   | \$0.00   |  |  |  |
| ୍ଲା<br>Indep. Claims                                                                                                    | 5                                                                                                      | - 3 =                                     | 2              | x        | \$80.00                    |                   | \$160.00 |  |  |  |
| Multiple Dependent                                                                                                      | Claims (check                                                                                          | if applicable)                            |                |          |                            |                   | \$0.00   |  |  |  |
| 41<br>Pii                                                                                                               |                                                                                                        |                                           |                |          |                            | BASIC FEE         | \$710.00 |  |  |  |
| OTHER FEE (specif                                                                                                       | OTHER FEE (specify purpose)                                                                            |                                           |                |          |                            |                   |          |  |  |  |
|                                                                                                                         |                                                                                                        |                                           |                |          | TOTAL                      | FILING FEE        | \$870.00 |  |  |  |
| A check in the an                                                                                                       | nount of \$                                                                                            | 870.00 to d                               | over the filin | g fee is | enclosed.                  | <u>_</u> <u>_</u> |          |  |  |  |
| ■ The Commission                                                                                                        | -                                                                                                      | horized to charge                         | and credit D   | eposit A |                            | 18-1644           |          |  |  |  |
|                                                                                                                         | as described below. A duplicate copy of this sheet is enclosed.  ☐ Charge the amount of as filing fee. |                                           |                |          |                            |                   |          |  |  |  |
| _                                                                                                                       | y overpayment                                                                                          |                                           | 9              |          |                            |                   |          |  |  |  |
| =                                                                                                                       | Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.                              |                                           |                |          |                            |                   |          |  |  |  |
| ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). |                                                                                                        |                                           |                |          |                            |                   |          |  |  |  |
| pursuant                                                                                                                | 10 37 C.F.R. 1.                                                                                        | 311(D).                                   |                | 0        | In J                       | Jones             | ite      |  |  |  |
| -                                                                                                                       |                                                                                                        |                                           | Jo             | hn Ø. To | rrente                     | Signature         |          |  |  |  |
| Dated:                                                                                                                  | Re                                                                                                     | Reg. No. 26,359<br>Attorney for Applicant |                |          |                            |                   |          |  |  |  |
|                                                                                                                         |                                                                                                        |                                           |                |          | er 1.34(a)                 |                   |          |  |  |  |
|                                                                                                                         |                                                                                                        |                                           |                |          | ecker & Dalo<br>son Avenue | ey                |          |  |  |  |
| cc: CUSTOMER ID.                                                                                                        |                                                                                                        |                                           | , NY 10017     |          |                            |                   |          |  |  |  |
|                                                                                                                         | (2:                                                                                                    | (2120 682-9640                            |                |          |                            |                   |          |  |  |  |